

Figure 1

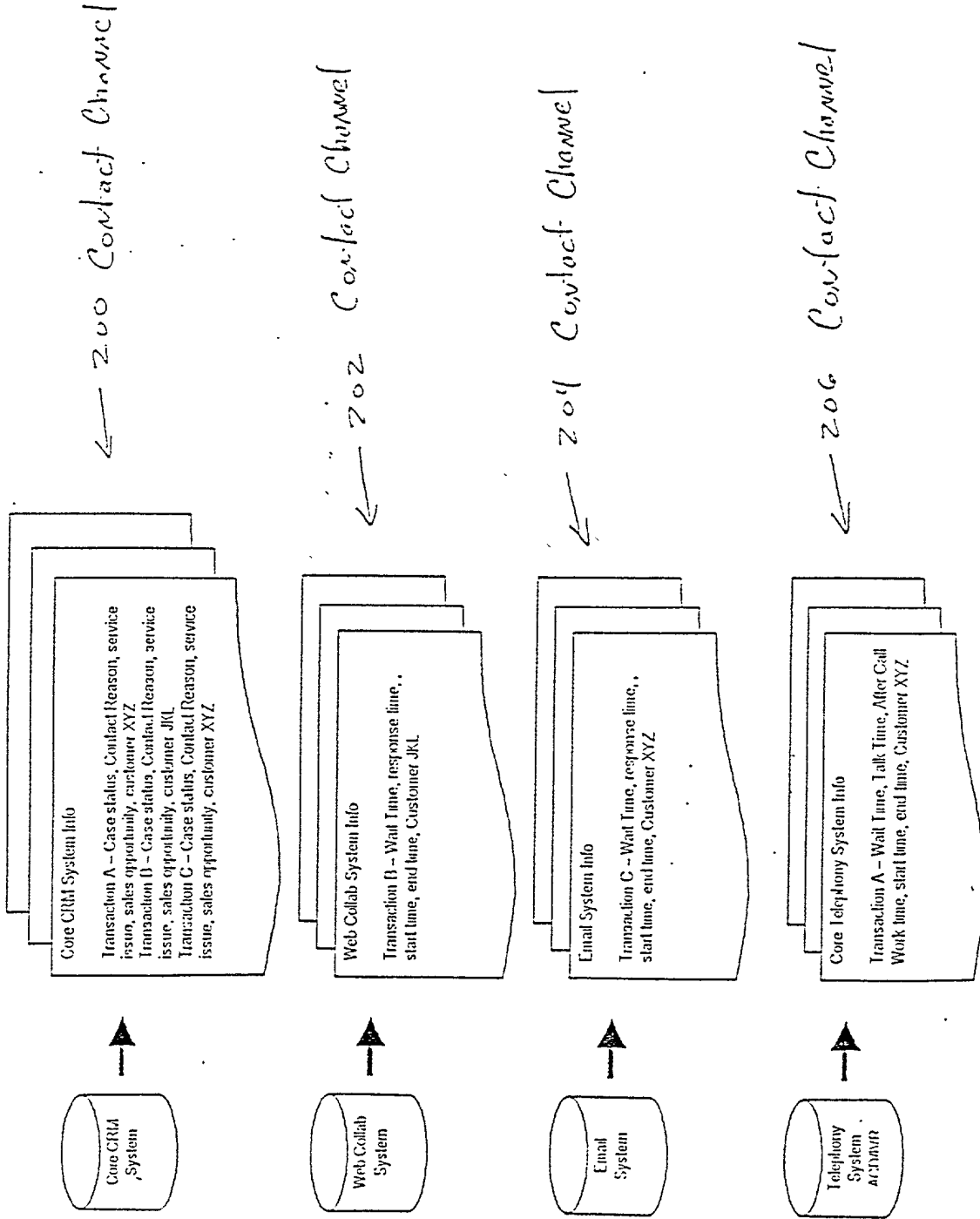


Figure 2

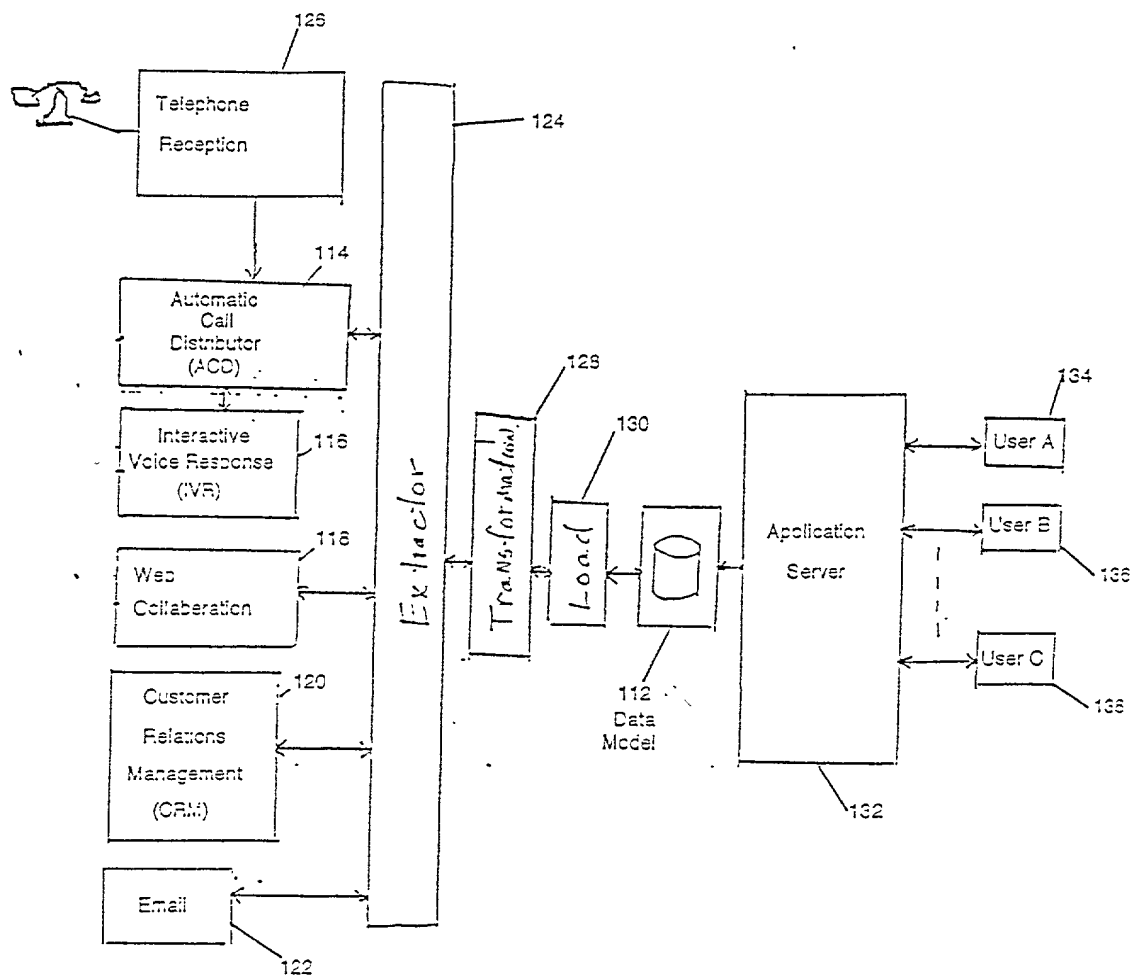


Figure 3

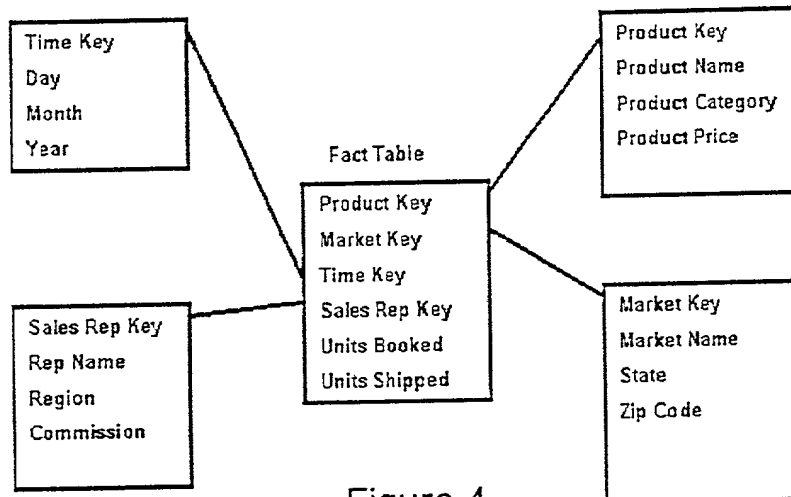


Figure 4

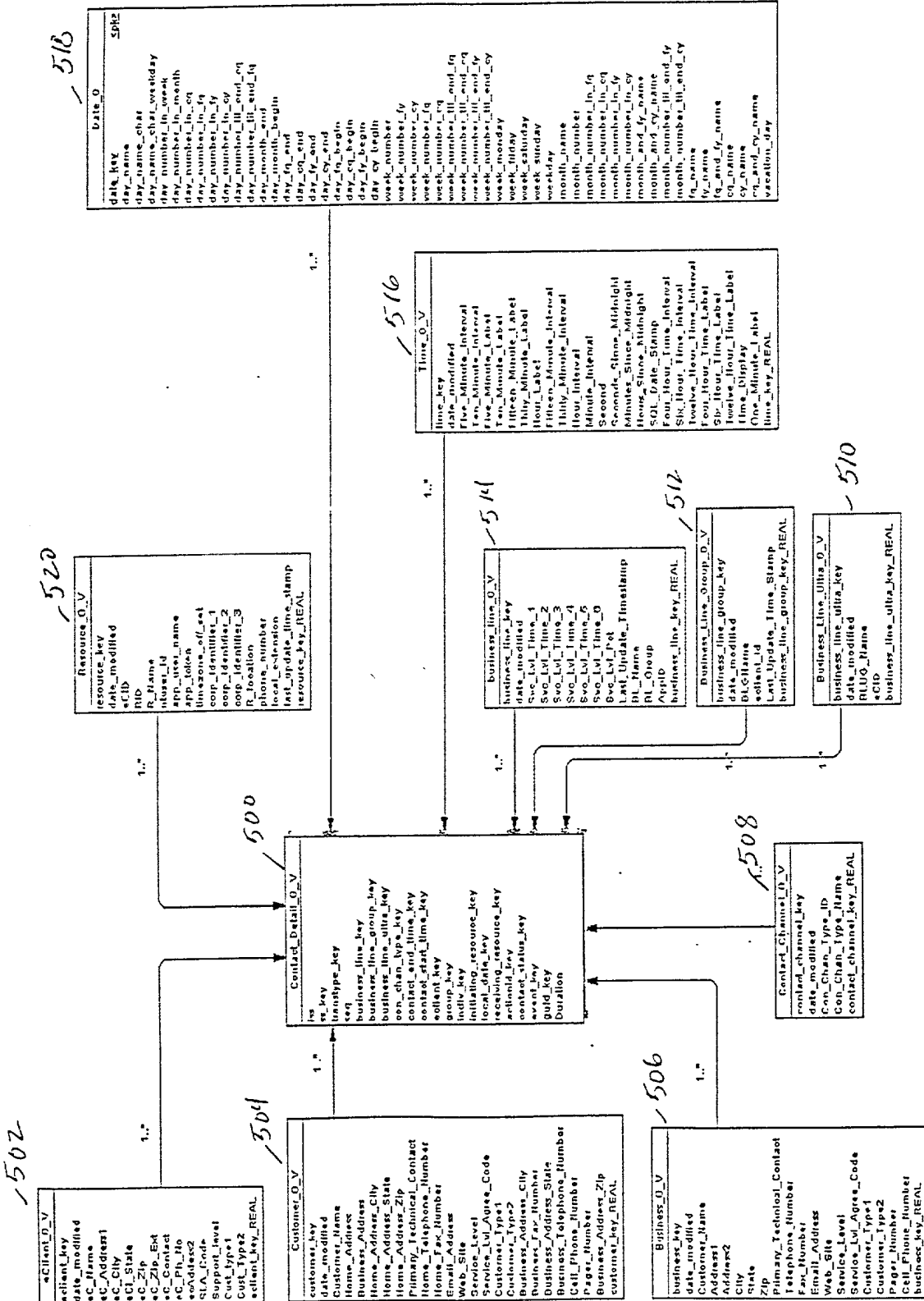


Figure 5

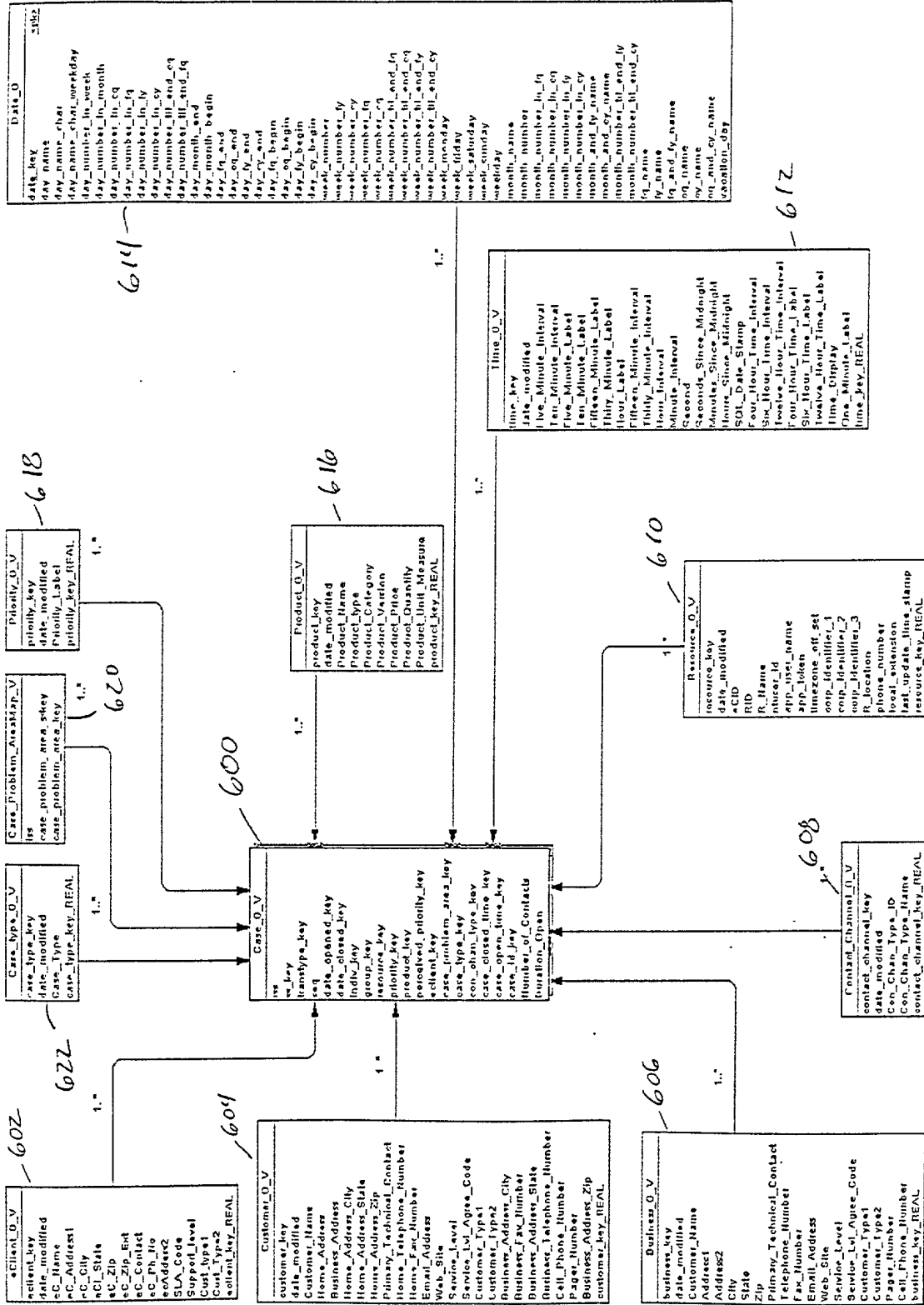


Figure 6

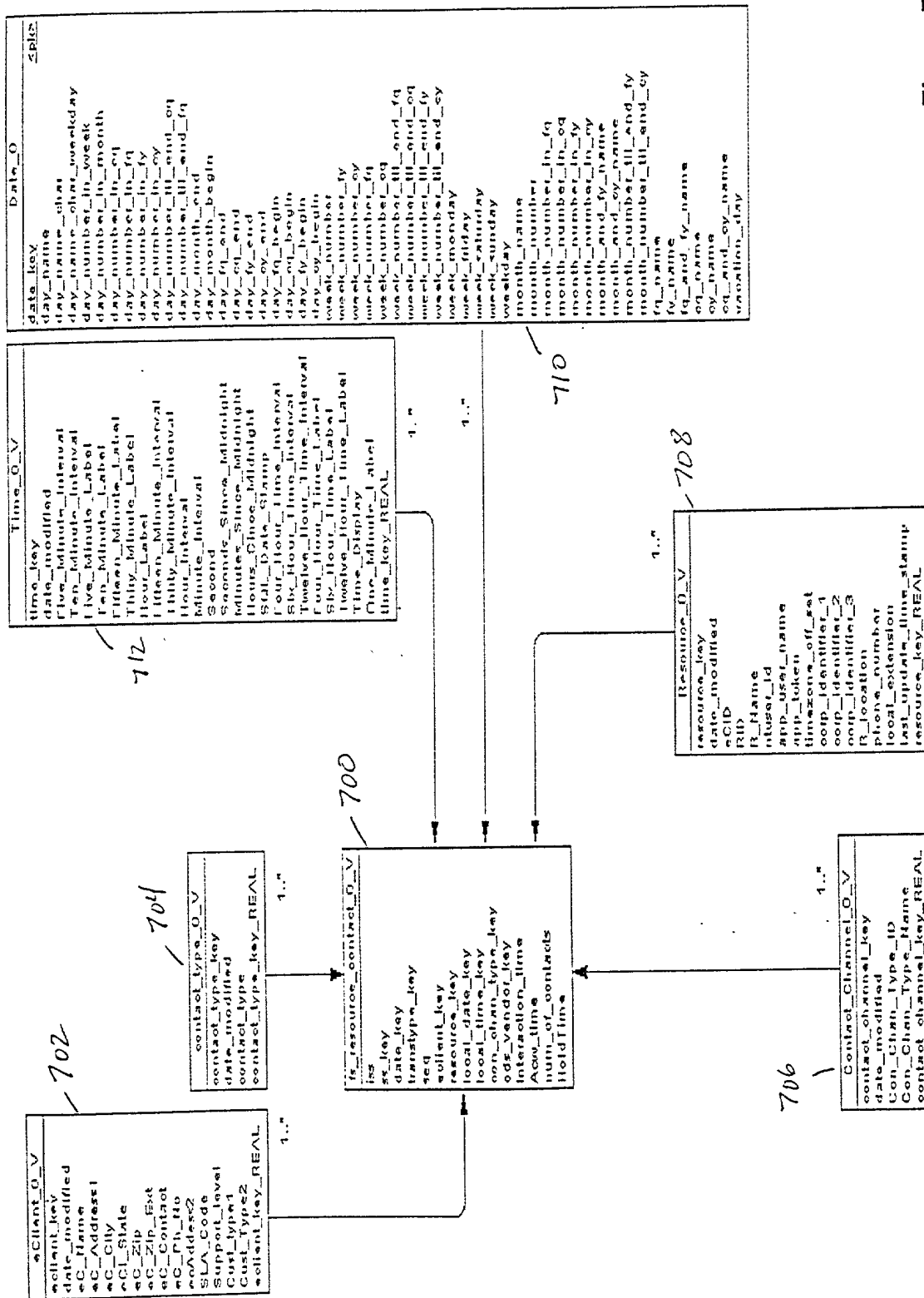


Figure 7


```

    graph TD
        subgraph 900 [fs_resource_state_O_V]
            iss[iss]
            ss_key[ss_key]
            transkey_key[transkey_key]
            seq[seq]
            resource_key[resource_key]
            local_date_key[local_date_key]
            local_time_key[local_time_key]
            idle_time[idle_time]
            available_time[available_time]
            signed_on_duration[signed_on_duration]
        end

        subgraph 904 [Time_U_V]
            time_key[time_key]
            date_modified[date_modified]
            five_minute_interval[Five_Minute_Interval]
            ten_minute_interval[Ten_Minute_Interval]
            five_minute_label[Five_Minute_Label]
            ten_minute_label[Ten_Minute_Label]
            fifteen_minute_label[Fifteen_Minute_Label]
            thirty_minute_label[Thirty_Minute_Label]
            hour_label[Hour_Label]
            fifteen_minute_interval[Fifteen_Minute_Interval]
            thirty_minute_interval[Thirty_Minute_Interval]
            hour_interval[Hour_Interval]
            minute_interval[Minute_Interval]
            second[Second]
            seconds_since_midnight[Seconds_Since_Midnight]
            minutes_since_midnight[Minutes_Since_Midnight]
            hours_since_midnight[Hours_Since_Midnight]
            sql_date_stamp[SQL_Date_Stamp]
            four_hour_time_interval[Four_Hour_Time_Interval]
            six_hour_time_interval[Six_Hour_Time_Interval]
            twelve_hour_time_interval[Twelve_Hour_Time_Interval]
            four_hour_time_label[Four_Hour_Time_Label]
            six_hour_time_label[Six_Hour_Time_Label]
            twelve_hour_time_label[Twelve_Hour_Time_Label]
            time_display[Time_Display]
            one_minute_label[One_Minute_Label]
            time_key_real[time_key_REAL]
        end

        subgraph 902 [Resource_O_V]
            resource_key[resource_key]
            date_modified[date_modified]
            eCID[eCID]
            RID[RID]
            R_Name[R_Name]
            R_userid[R_userid]
            app_user_name[app_user_name]
            app_token[app_token]
            timezone_off_set[timezone_off_set]
            corp_identifier_1[corp_identifier_1]
            corp_identifier_2[corp_identifier_2]
            corp_identifier_3[corp_identifier_3]
            R_location[R_location]
            phone_number[phone_number]
            local_extension[local_extension]
            last_update_time_stamp[last_update_time_stamp]
            resource_key_real[resource_key_REAL]
        end

        900 -- "1..*" --> 904
        904 -- "1..*" --> 902
    
```

Figure 9

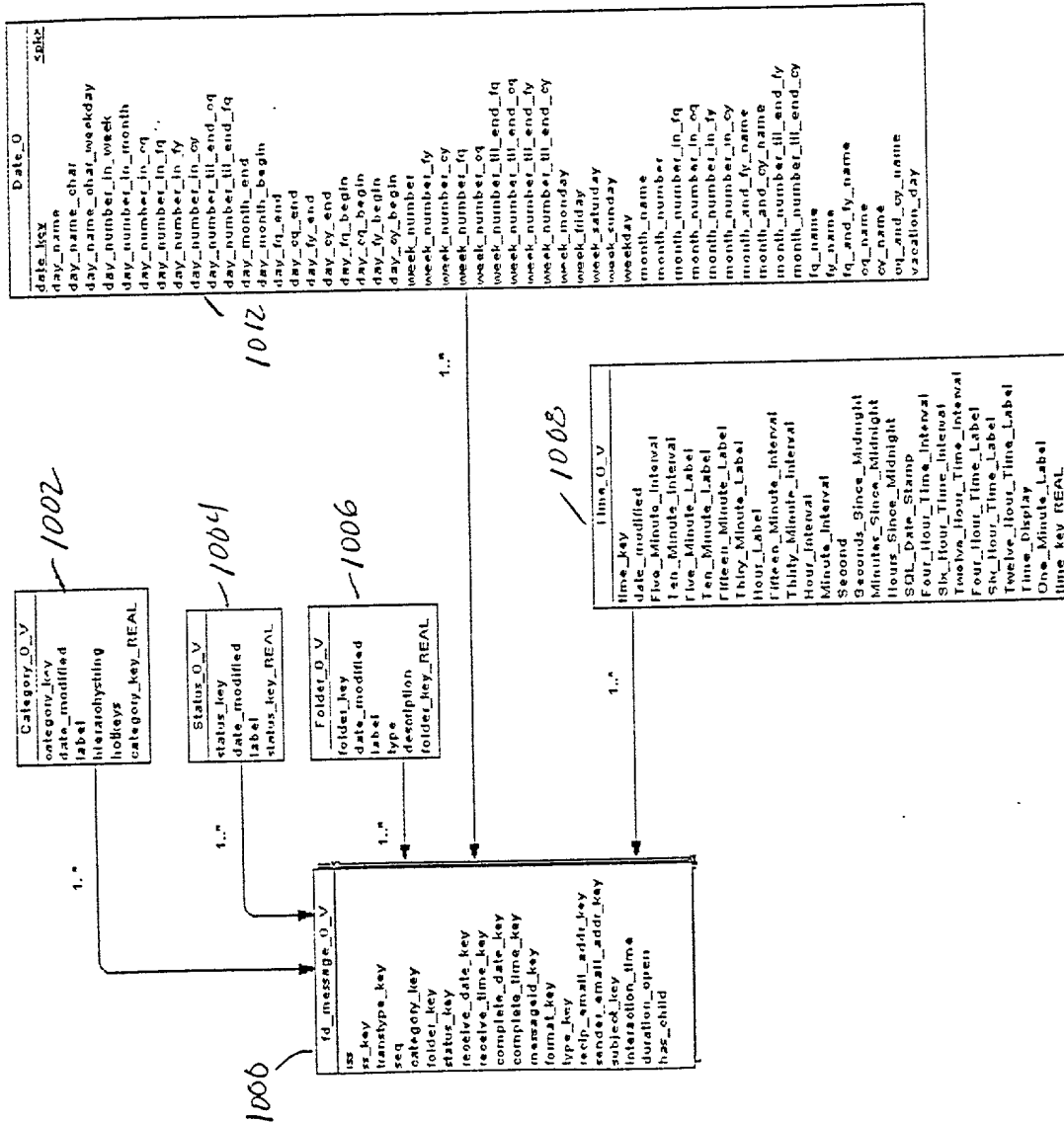


Figure 10

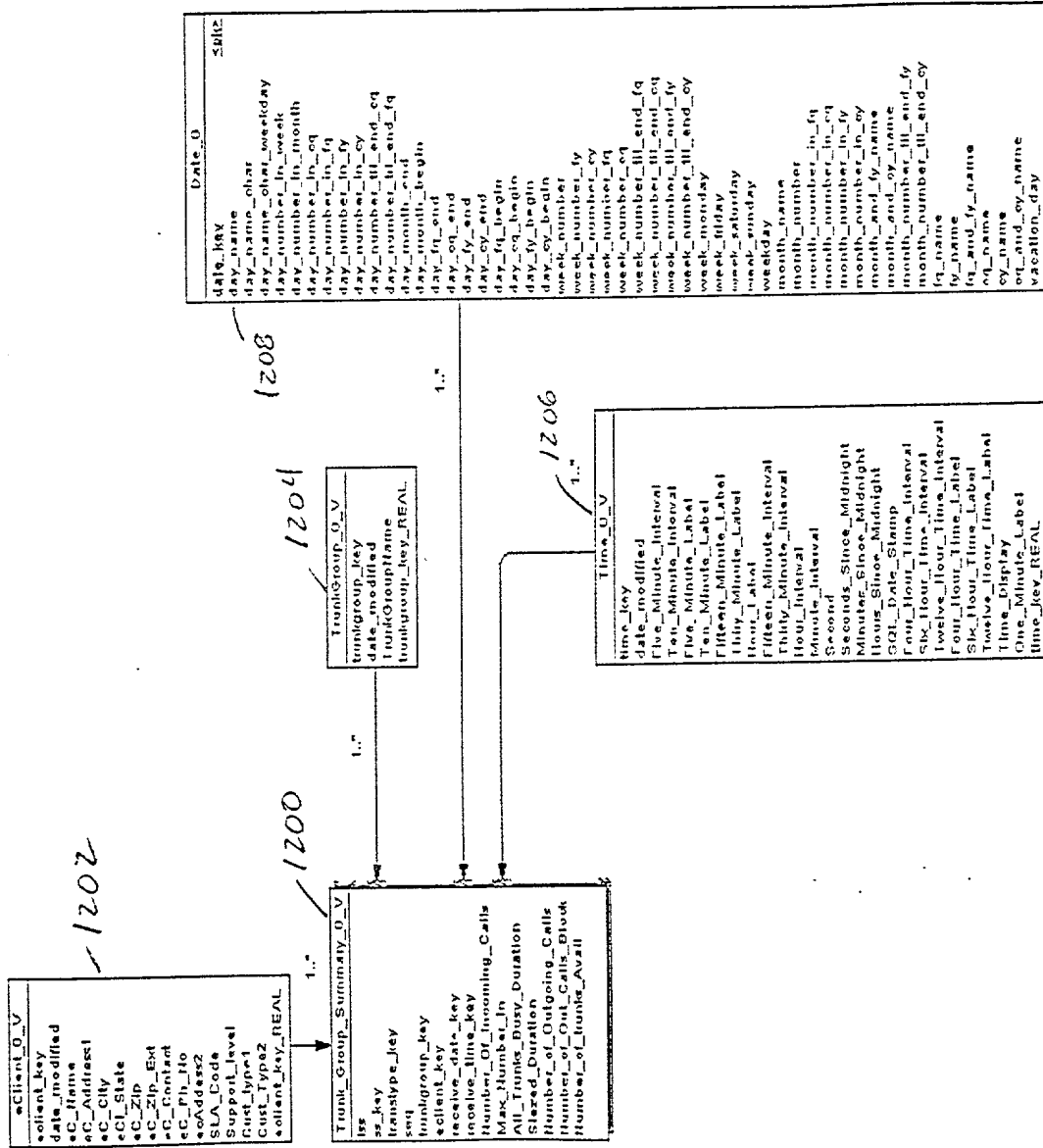


Figure 12

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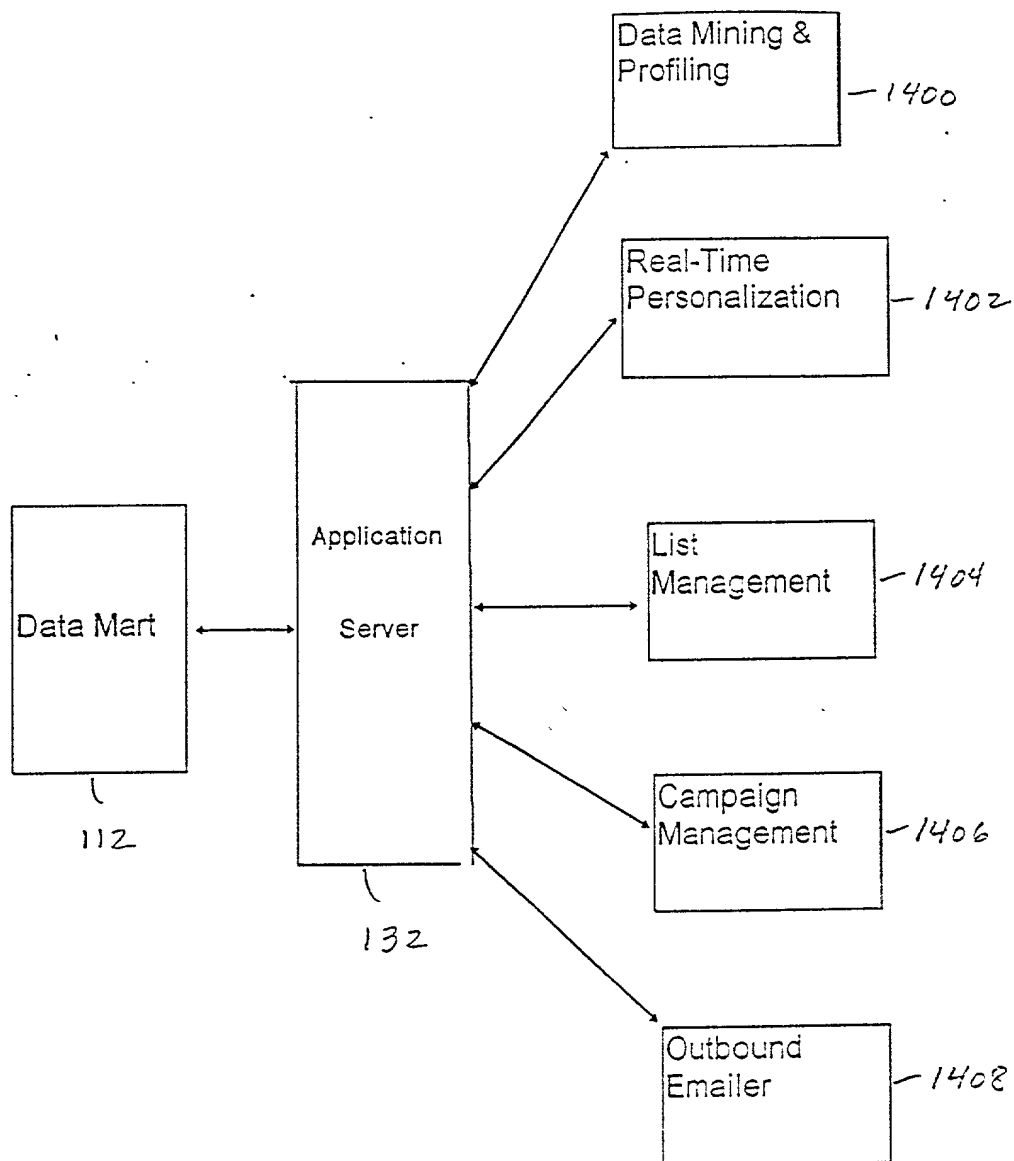


Figure 14